

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/553,816
Source: IFWO
Date Processed by STIC: 12/15/2006

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IFWO

RAW SEQUENCE LISTING

DATE: 12/15/2006

PATENT APPLICATION: US/10/553,816

TIME: 12:04:45

Input Set : N:\efs\12_15_06\10553816_efs\seqlist.txt

Output Set: N:\CRF4\12152006\J553816.raw

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4 <110> APPLICANT: Bougueleret, Lydie
5   Cusin, Isabelle
7 <120> TITLE OF INVENTION: SECRETED POLYPEPTIDE SPECIES REDUCED IN
8   CARDIOVASCULAR DISORDERS
11 <130> FILE REFERENCE: 33636 US-PCT GEP5045
13 <140> CURRENT APPLICATION NUMBER: 10/553,816
C--> 14 <141> CURRENT FILING DATE: 2005-10-19
16 <150> PRIOR APPLICATION NUMBER: 60/465,484
17 <151> PRIOR FILING DATE: 2003-04-25
19 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/004342
20 <151> PRIOR FILING DATE: 2004-04-23
22 <160> NUMBER OF SEQ ID NOS: 137
24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 185
28 <212> TYPE: PRT
29 <213> ORGANISM: Homo sapiens
31 <220> FEATURE:
32 <221> NAME/KEY: PROPEP
33 <222> LOCATION: (1)...(185)
34 <223> OTHER INFORMATION: Full length sequence of the CPP of the invention
36 <400> SEQUENCE: 1
37 Met Lys Leu Val Ser Val Ala Leu Met Tyr Leu Gly Ser Leu Ala Phe
38 1 5 10 15
39 Leu Gly Ala Asp Thr Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys
40 20 25 30
41 Lys Trp Asn Lys Trp Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met
42 35 40 45
43 Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala
44 50 55 60
45 Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro
46 65 70 75 80
47 Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg
48 85 90 95
49 Gln Ser Met Asn Asn Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe
50 100 105 110
51 Gly Thr Cys Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr
52 115 120 125
53 Asp Lys Asp Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln
54 130 135 140
55 Gly Tyr Gly Arg Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly
56 145 150 155 160
57 Arg Thr Leu Val Ser Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro

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58          165          170          175
59 Pro Ser Gly Ser Ala Pro His Phe Leu
60          180          185
63 <210> SEQ ID NO: 2
64 <211> LENGTH: 164
65 <212> TYPE: PRT
66 <213> ORGANISM: Homo sapiens
68 <220> FEATURE:
69 <221> NAME/KEY: PEPTIDE
70 <222> LOCATION: (1)...(163)
71 <223> OTHER INFORMATION: Full length sequence of the CPP of the invention
73 <400> SEQUENCE: 2
74 Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys Lys Trp Asn Lys Trp
75 1          5          10          15
76 Ala Leu Ser Arg Gly Lys Arg Glu Leu Arg Met Ser Ser Ser Tyr Pro
77          20          25          30
78 Thr Gly Leu Ala Asp Val Lys Ala Gly Pro Ala Gln Thr Leu Ile Arg
79          35          40          45
80 Pro Gln Asp Met Lys Gly Ala Ser Arg Ser Pro Glu Asp Ser Ser Pro
81 50          55          60
82 Asp Ala Ala Arg Ile Arg Val Lys Arg Tyr Arg Gln Ser Met Asn Asn
83 65          70          75          80
84 Phe Gln Gly Leu Arg Ser Phe Gly Cys Arg Phe Gly Thr Cys Thr Val
85          85          90          95
86 Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr Asp Lys Asp Lys Asp
87          100          105          110
88 Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln Gly Tyr Gly Arg Arg
89          115          120          125
90 Arg Arg Arg Ser Leu Pro Glu Ala Gly Pro Gly Arg Thr Leu Val Ser
91          130          135          140
92 Ser Lys Pro Gln Ala His Gly Ala Pro Ala Pro Pro Ser Gly Ser Ala
93 145          150          155          160
94 Pro His Phe Leu
98 <210> SEQ ID NO: 3
99 <211> LENGTH: 48
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <220> FEATURE:
104 <221> NAME/KEY: PEPTIDE
105 <222> LOCATION: (1)...(48)
106 <223> OTHER INFORMATION: The plasma fragment sequence (CPP 19, SEQ ID NO:3)
108 <400> SEQUENCE: 3
109 Glu Leu Arg Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys
110 1          5          10          15
111 Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys Gly Ala
112          20          25          30
113 Ser Arg Ser Pro Glu Asp Ser Ser Pro Asp Ala Ala Arg Ile Arg Val
114          35          40          45
117 <210> SEQ ID NO: 4

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118 <211> LENGTH: 27
119 <212> TYPE: PRT
120 <213> ORGANISM: Homo sapiens
122 <220> FEATURE:
123 <221> NAME/KEY: PEPTIDE
124 <222> LOCATION: (1)...(27)
125 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
126     spectrometry in the plasma of control individuals
128 <400> SEQUENCE: 4
129 Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys Ala Gly Pro
130 1          5          10          15
131 Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys
132          20          25
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 13
137 <212> TYPE: PRT
138 <213> ORGANISM: Homo sapiens
140 <220> FEATURE:
141 <221> NAME/KEY: PEPTIDE
142 <222> LOCATION: (1)...(13)
143 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
144     spectrometry in the plasma of control individuals
146 <400> SEQUENCE: 5
147 Met Ser Ser Ser Tyr Pro Thr Gly Leu Ala Asp Val Lys
148 1          5          10
151 <210> SEQ ID NO: 6
152 <211> LENGTH: 14
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <220> FEATURE:
157 <221> NAME/KEY: PEPTIDE
158 <222> LOCATION: (1)...(14)
159 <223> OTHER INFORMATION: A peptide sequence found by MS-MS mass
160     spectrometry in the plasma of control individuals
162 <400> SEQUENCE: 6
163 Ala Gly Pro Ala Gln Thr Leu Ile Arg Pro Gln Asp Met Lys
164 1          5          10
167 <210> SEQ ID NO: 7
168 <211> LENGTH: 14
169 <212> TYPE: PRT
170 <213> ORGANISM: Homo sapiens
172 <220> FEATURE:
173 <221> NAME/KEY: PEPTIDE
174 <222> LOCATION: (1)...(14)
175 <223> OTHER INFORMATION: A CPP 2 peptide
177 <400> SEQUENCE: 7
178 Cys Thr Ser Met Ala Ser Glu Asn Ser Glu Cys Ser Val Lys
179 1          5          10
182 <210> SEQ ID NO: 8

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183 <211> LENGTH: 14
184 <212> TYPE: PRT
185 <213> ORGANISM: Homo sapiens
187 <220> FEATURE:
188 <221> NAME/KEY: PEPTIDE
189 <222> LOCATION: (1)...(14)
190 <223> OTHER INFORMATION: A CPP 2 peptide
192 <400> SEQUENCE: 8
193 Ser Asn Cys Cys Gln His Ser Ser Ala Leu Gly Leu Ala Arg
194   1           5           10
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 19
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <220> FEATURE:
203 <221> NAME/KEY: PEPTIDE
204 <222> LOCATION: (1)...(18)
205 <223> OTHER INFORMATION: A CPP 2 peptide
207 <400> SEQUENCE: 9
208 Thr Ile Val Gly Ser Ile Thr Asn Thr Asn Phe Gly Ile Cys His Asp
209   1           5           10           15
210 Ala Gly Arg
214 <210> SEQ ID NO: 10
215 <211> LENGTH: 12
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo sapiens
219 <220> FEATURE:
220 <221> NAME/KEY: PEPTIDE
221 <222> LOCATION: (1)...(12)
222 <223> OTHER INFORMATION: A CPP 8 peptide
224 <400> SEQUENCE: 10
225 Cys Leu Asp Pro Val Asp Thr Pro Asn Pro Thr Arg
226   1           5           10
229 <210> SEQ ID NO: 11
230 <211> LENGTH: 15
231 <212> TYPE: PRT
232 <213> ORGANISM: Homo sapiens
234 <220> FEATURE:
235 <221> NAME/KEY: PEPTIDE
236 <222> LOCATION: (1)...(15)
237 <223> OTHER INFORMATION: A CPP 8 peptide
239 <400> SEQUENCE: 11
240 Tyr Lys Lys Pro Glu Cys Gln Ser Asp Trp Gln Cys Pro Gly Lys
241   1           5           10           15
244 <210> SEQ ID NO: 12
245 <211> LENGTH: 14
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <220> FEATURE:

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250 <221> NAME/KEY: PEPTIDE
251 <222> LOCATION: (1)...(14)
252 <223> OTHER INFORMATION: A CPP 9 peptide
254 <400> SEQUENCE: 12
255 Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg
256 1 5 10
259 <210> SEQ ID NO: 13
260 <211> LENGTH: 15
261 <212> TYPE: PRT
262 <213> ORGANISM: Homo sapiens
264 <220> FEATURE:
265 <221> NAME/KEY: PEPTIDE
266 <222> LOCATION: (1)...(15)
267 <223> OTHER INFORMATION: A CPP 9 peptide
269 <400> SEQUENCE: 13
270 Arg Asp Pro Pro Gln Tyr Pro Val Val Pro Val His Leu Asp Arg
271 1 5 10 15
274 <210> SEQ ID NO: 14
275 <211> LENGTH: 17
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <220> FEATURE:
280 <221> NAME/KEY: PEPTIDE
281 <222> LOCATION: (1)...(17)
282 <223> OTHER INFORMATION: A CPP 9 peptide
284 <400> SEQUENCE: 14
285 Tyr Ala Gln Thr Pro Ala Asn Met Phe Tyr Ile Val Ala Cys Asp Asn
286 1 5 10 15
287 Arg
291 <210> SEQ ID NO: 15
292 <211> LENGTH: 12
293 <212> TYPE: PRT
294 <213> ORGANISM: Homo sapiens
296 <220> FEATURE:
297 <221> NAME/KEY: PEPTIDE
298 <222> LOCATION: (1)...(12)
299 <223> OTHER INFORMATION: A CPP 12 peptide
301 <400> SEQUENCE: 15
302 Glu Ser Leu Ser Gly Val Cys Glu Ile Ser Gly Arg
303 1 5 10
306 <210> SEQ ID NO: 16
307 <211> LENGTH: 22
308 <212> TYPE: PRT
309 <213> ORGANISM: Homo sapiens
311 <220> FEATURE:
312 <221> NAME/KEY: PEPTIDE
313 <222> LOCATION: (1)...(22)
314 <223> OTHER INFORMATION: A CPP 12 peptide
316 <400> SEQUENCE: 16

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,816

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TIME: 12:04:46

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date